Amendments to the Abstract

I. Please amend the Abstract as follows:

"The invention relates to an interactive packet transmission system of the TDMA type with a return channel between terminals and a network head. The invention proposes a method of recovering the first packet transmitted by a terminal for connection to the system, in accordance with which the transmitted data are searched by performing successive correlations in variable computing windows along the received packet by using a known header. The correlation computations are solely performed on the optimal oversamples, while the estimation of the initial sampling instant is previously effected for each window considered.

~~Application: Packet transmission systems of the TDMA type with a return channel, standard DVB-RCS.~~

~~Reference: Fig. 2~~"

II. A replacement Abstract, attached as a separate sheet hereto, has been amended to be a single paragraph.

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ABSTRACT

The invention relates to an interactive packet transmission system of the TDMA type with a return channel between terminals and a network head. The invention proposes a method of recovering the first packet transmitted by a terminal for connection to the system, in accordance with which the transmitted data are searched by performing successive correlations in variable computing windows along the received packet by using a known header. The correlation computations are solely performed on the optimal oversamples, while the estimation of the initial sampling instant is previously effected for each window considered.

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